

Analytical Data Sheet

Lot number **1070685**
not for drug use

Catalog number H-1566.0500
Product number 4025090.0500
Product **Prion Protein (106- 126) (human) trifluoroacetate salt**
H- Lys- Thr- Asn- Met- Lys- His- Met- Ala- Gly- Ala- Ala-
Ala- Ala- Gly- Ala- Val- Val- Gly- Gly- Leu- Gly- OH
trifluoroacetate salt
Molecular formula $C_{80}H_{138}N_{26}O_{24}S_2$
Relative molecular mass 1912.27

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 1912.2u (average mass)
Amino acid analysis	Asx 1.0 (1) Met 2.0 (2) Gly 5.5 (5) Lys 2.0 (2) His 1.1 (1) Leu 1.0 (1) Ala 6.1 (6) Thr* 0.9 (1) Val 1.9 (2) * Thr partially destroyed during hydrolysis
Purity (HPLC)	95.4% (TFA) 95.5% (TEAP)
Assay (elemental analysis)	78.0% (Nth 19.04%, Nfd 14.85%)

Latest update: March 09, 2017

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